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CCR Deadline to MSDH & Customers by July 1, 2020!

## 2019 Annual Drinking Water Quality Report Independence Water Association PWS#: 0540011 April 2020

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from three wells drawing from the Sparta Sand Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Independence Water Association have received a moderate susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Chris Beardain at 662.654.5748. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. The annual meeting is held on the third Thursday of December at 7:00 PM at the Independence Farmers Club Building.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1st to December 31st, 2019. In cases where monitoring wasn't required in 2019, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination

10. Barium	N	2019	.0188	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
14. Copper	N	2015/17*	0	0	ppm	1,3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
17. Lead	N	2015/17*	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits	
19. Nitrate (as Nitrogen)	N	2019	.72	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natura deposits	
						1 1		Серозна	
Disinfection	on By	-Products	S					đ	
	on By	-Products	<b>S</b>	No Range	ppb	0	60	8	
81. HAA5 82. TTHM [Total				No Range	ppb	0 0	60	By-Product of drinking water disinfection.	
Disinfection 81. HAA5 82. TTHM [Total trihalomethanes] Chlorine	N	2016*	1	ļ ,				By-Product of drinking water disinfection.     By-product of drinking water chlorination.	
81. HAA5 82. TTHM [Total trihalomethanes]	N N Y	2016*	1.59	No Range	ppb	0	80	D By-Product of drinking water disinfection. D By-product of drinking water chlorination.  Water additive used to control	

<sup>\*</sup> Most recent sample. No sample required for 2019.

Disinfection By-Products:

Chlorine. Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.

During June 2019 our system received a monitoring violation for Chlorine. The label on the test bottle was not labeled correctly, however the test result was clear of bacteria.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Independence Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

## **Publisher's Certificate of Publication**

## STATE OF MISSISSIPPI COUNTY OF PANOLA

Rebecca Alexander, being duly sworn, on oath says she is and during all times herein stated has been an employee of Batesville Newsmedia publisher and printer of the The Panolian (the "Newspaper"), has full knowledge of the facts herein stated as follows:

 The Newspaper printed the copy of the matter attached hereto (the "Notice") was copied from the columns of the Newspaper and was printed and published in the English language on the following days and dates:

05/13/20

- The sum charged by the Newspaper for said publication is the actual lowest classified rate paid by commercial customer for an advertisement of similar size and frequency in the same newspaper in which the Notice was published.
- 3. There are no agreements between the Newspaper, publisher, manager or printer and the officer or attorney charged with the duty of placing the attached legal advertising notice whereby any advantage, gain or profit accrued to said officer or attorney

Rebecca Alexander, Publisher

Keheca Olyanda

Subscribed and sworn to before me this 13th Day of May, 2020





Mary Jo Eskridge, Notary Public State of Alabama at Large My commission expires 03-05-2022

Account # 207972 Ad # 1042438

INDEPENDENCE WATER 1247 BENSON RD COURTLAND MS 38620 2019 Annual Drinking Water Quality Report Independence Water Association PWS#: 0540011 April 2020

We're the said to pretent to yet this year's Annual Water Quality Raport. The record is designed to inform you about the quality mater and services we delive to you every day. One certaint goal in the empty you win a safe and dependable supply at turning water. We want you to understand the efforts we make to continually infected the value fraction are processed an process our water assumes. We are committed to ensuing the quality of your water. Our water source is from three we're drawing free, the Sparca Sand Aquelor.

The South water assessment has been completed for our public water system to determine the overall susceptibility of its dim ring water supply to identify potential southers of certain water in a report containing detailed information on how the susceptibility determinations were made has been furnished to one public water system and its available for swingrup upon agrupt. The water for the dependence (2014) - Association have received a moderate susceptibility arranged to contamination.

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				TEST RESU	ILTS				
Contamoant	Violati on Y/N	Date Collected	Level Delected	Flangs of Delects or ■ of Samples Exceeding FOLIACE	Unit Measure- nient	MCLG	MCL	Livery Source of Contamination	
Inorganic Con	tamin	nts							
10 Barium	N	2019	0188	No Range	ppm	2	2	Decreage of unling wither discharge from nietal refinences orcsion of natural deposits	
14 Copper	N	2015/17*	0	0	ppns	:1:3	AL=13	Corrosion of Household plumbing systems, crosion of natural deposits, leaching from wood preservatives	
17 Lend	N	2015/17	D	0	ppti	0	AE=15	Corrosion of Household phyribing systems, erosion o natural deposits	
19 Meido (na Nilrogen)	N	2019	72	No Range	ppn*	10	15	Runoff from bridger use leaching from septic lanks, sewage erosion of natural accounts	
	n	lu-t-							
Disinfection B 81 HAAS	N N	2016	1	No Raige	ppo	0	60	By-Product of drinking water durification	
82 TTHM [Total tribalome@anes]	N	2016"	5.50	No Range	ppp	0	00	By-product of anniving water chlorination	
Chlonne	Y:	2019	610	# - 1.4	gip##	0	MORL	Water additive used to control microbes	
Unregulated C	ontan	inante							
Sodum	N	2019	140000	No Range	PPB	NONE	NONE	Rond Salt, Water Treatment Chemicals, Water Softener and Spwage Efficients	

fest recent sample. No semple required for 2019

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water meets health standards

If present invalued levels of land can saws serious fieldlit problems, especially for originaria Aurier, and young chirdren. Lead of inching water is primarily from maleration and cumonisms, associated with service levels and home brumber. Qu'in userla system is expensible, for providing in high basely dishribed, but cannot control the variety of malerate user in plumbing components. When your water has been studing for several industry you can imminize the potential for fant disposure by instinctly pour tep for 30 seconds to 2 minimize before using water for dishring for cooling III you are concerned about lead in your variety you may want to for your water states of financiation or lead in dinning water the testing methods, and istops you can lake to imminize existing water states of the problems of a high introvious polystational evaluation. The fishessipps foliable Department of the finant budomary offset level seed setting Pleasance 30 12 of 2023 (4) you wish to

All sources of dimining worker are subject to obtained contamination by supstances that are instructive counting or imm made. These substances can be independent on organic chemistrics and and absolute substances. All dimining salars, including builtied water, may resomable, by the supected to contaminate and test small amounts of some contaminate. The presence of contaminants does not necessarily indicate that the water posses a neath risk More information about contaminations does not necessarily indicate that the water posses a neath risk More information about contaminations and updeful. I waited writers also be obtained by calling the Environmental Profession Agency 5% also throwing Water Horine as 1.2 80% 264.7491.

Some geople may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergraping cherustratory, persons who have undergone organi transplants, people with HIVAIDS or other immune system disorders, some eleafy, and infants can be personable, the minimum system into minimum system in the personable from the health care providers EPA-CDD, guidalines on appropriate manns to lesses that not of infection by cryptospondium and other microtological contaminants are evaluable from the Sale Dinnking Visite follows 10 days 10 d

The Independent Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources which are the heart of our community, our way of the and our children's future.